

Program of Biomarkers – methods and technologies

Thursday, the 25th of Oct 2018

- 16.00-16.15 Welcome
- 16.15-17.00 **Keynote: Dr Wolfgang Wadsak , Medical University of Vienna**
The Age of Biomarkers: Aspects, Assets and Additional Methods
- 17.00-17.25 **Dr Lao Saal, SAGA Diagnostics, Lund University**
Applications in oncology: ultrasensitive monitoring of circulating tumor DNA using simple blood samples and other "liquid biopsies"
- Poster mingle, Art exhibition**
- 18.30 *Dinner, Restaurant Niagara*

Friday, the 26th of Oct 2018

Session I - Discovery

Chairman: Prof Börje Sellergren

- 8.30-8.55 **Professor Pirkko Härkönen, University of Turku**
Companion biomarkers for cancer drug development and therapy
- 8.55-9.20 **Professor Peter Horvatovich, University of Groningen**
Bioinformatics and statistical aspects of biomarker discovery using LC-MS
- 9.20-9.45 **Assoc. professor Marité Cardenas, Malmö University**
Lipid exchange between lipoproteins and model membranes; influence of lipid and lipoprotein type
- 9.45-10.15 *Coffee*
- 10.15-10.40 **Assoc. professor Jochen Schwenk, KTH Royal Institute of Technology/ Science for Life Laboratory**
Affinity-based assays for biomarkers of the plasma proteome
- 10.40-11.05 **Professor Lars Melholt Rasmussen, Odense University Hospital, University of Southern Denmark**
Discovery and validation of cardiovascular biomarkers by proteome analysis
- 11.05-11.35 **Professor Johan Engblom, Maxim Morin, PhD student, Skaidre Jankovskaja, PhD student, Dr Anna Gustafsson, Malmö University**
Non-invasive monitoring of skin disorders progression and healing
- 11.35-12.45 *Lunch*

Session II – Detection

Chairman: Prof Anette Gjörlöf Wingren

- 12.45-13.10 **Dr Aoife Morrin, Dublin City University**
Assessing skin physiology for health diagnostics in non-invasive modes
- 13.10-13.35 **Professor Börje Sellergren, Malmö University**
Imprinted polymers for biomarker discovery and multiplex ultra sensitive biomarker assays
- 13.35-14.00 **Dr Kathrin Zeller, Lund University**
The development of a biomarker-based in vitro assay for the prediction of skin sensitizing potency
- 14.00-14.25** *Coffee*
- 14.25-14.50 **Dr Gizem Ertürk Bergdahl, Lund University**
Development of diagnostic tools for predicting oral infections based on artificial receptors and electrochemical sensing concept
- 14.50-15:15 **Dr Anna Dahlman, Alligator Bioscience AB**
Immunomodulatory antibodies and pharmacodynamic biomarkers for immuno-oncology